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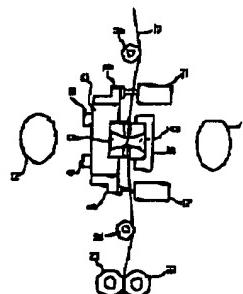
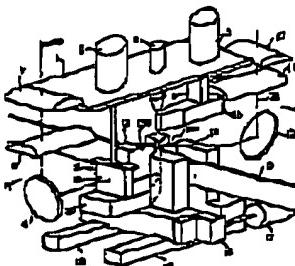
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TITLE : CABLE COVER STRIPPING DEVICE BY LASER BEAM



ABSTRACT : PURPOSE: To remove the cover by the slit width of a clamp means regardless of the nonuniformity of a beam shape or light intensity and improve the accuracy of separation width thereby by introducing a laser beam into the tapered slit of the clamp means.

CONSTITUTION: When a flat cable 15 is introduced between both clamps 13 and 14, air cylinders 17 and 21 are operated to shift a work clamp 13, whereby the flat cable 15 is clamped by the work clamps 13 and 14. Next, when a laser beam 26 enters one optical system, the laser beam 26 penetrates cylindrical lenses 10 and 11, and is molded and condensed and is reflected at a full reflecting mirror 12, and enters the tapered slit 14a of the work clamp 14. And this laser beam 26 penetrates into the interior while being reflected at the wall face according to the decrease of the slit width, and irradiates the flat cable 15, according to the opening width of the slit 14a, and processes it.

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